

What is claimed is:

1.

~~12/1/82~~ A method of treating an animal suffering from an immune dysfunction disease state associated with altered levels of IgG comprising:
administering to said animal an immunomodulating amount of immunoglobulin from an animal source.

2.

The method of claim 1 wherein said animal source is blood and fractions thereof.

3.

The method of claim 1 wherein said animal source is egg and fractions thereof.

4.

The method of claim 1 wherein said animal source is milk and fractions thereof.

5.

The method of claim 1 wherein said animal immunoglobulin is recombinant.

6.

~~12/1/82~~ The method of claim 1 wherein said recombinant immunoglobulin is expressed in a plant.

7.

The method of claim 1 wherein said recombinant immunoglobulin is expressed in a bacteria.

8.

BS The method of claim 1 wherein said immune dysfunction disease states is selected from the group consisting of: Kawasaki syndrome, chronic fatigue syndrome, asthma, rheumatoid arthritis, Crohn's disease, glaucoma, host disease, human immunodeficiency virus, thrombocytopenia, anemia, neutropenia, hemophilia, myasthenia gravis, multiple sclerosis, systemic lupus, demyelinating polyneuropathy, polymyositis and Sjogren's syndrome, insulin-dependent diabetes mellitus, bullous pemphigoid, thyroid-related eye disease, urethritis, or any other disease state associated with altered IgG levels.

9.

A pharmaceutical composition for treating autoimmune disorders associated with elevated IgG or for potentiating vaccine protocols comprising: immunoglobulin from animal sources and a pharmaceutical carrier wherein said pharmaceutical composition is in an oral dosage form.

✓ 10.

The composition of claim 9 wherein said animal source is blood and fractions thereof.

✓ 11.

The composition of claim 9 wherein said animal source is egg and fractions thereof.

✓ 12.

The composition of claim 9 wherein said animal source is milk and fractions thereof.

✓ 13.

The composition of claim 9 wherein said animal immunoglobulin is recombinant.

✓14.
The composition of claim 9 wherein said recombinant immunoglobulin is expressed in a plant.

✓15.
The composition of claim 9 wherein said recombinant immunoglobulin is expressed in a bacteria.

16.
A method of treating a disease state associated with immune dysfunction in an animal comprising:
administering to said animal an immunomodulating amount of immunoglobulin composition, wherein said immunoglobulin is from an animal source.

✓17.
The method of claim 16 wherein said animal source is blood and fractions thereof.

✓18.
The method of claim 16 wherein said animal source is egg and fractions thereof.

✓19.
The method of claim 16 wherein said animal source is milk and fractions thereof.

✓20.
The method of claim 16 wherein said animal immunoglobulin is recombinant.

✓21.
The method of claim 16 wherein said recombinant immunoglobulin is expressed in a plant.

22.

The method of claim 16 wherein said recombinant immunoglobulin is expressed in a bacteria.

23.

The method of claim 16 wherein said immune dysfunction disease states is selected from the group consisting of:

Kawasaki syndrome, chronic fatigue syndrome, asthma, rheumatoid arthritis, Crohn's disease, glaucoma, host disease, human immunodeficiency virus, thrombocytopenia, anemia, neutropenia, hemophilia, myasthenia gravis, multiple sclerosis, systemic lupus, demyelinating polyneuropathy, polymyositis and Sjogren's syndrome, insulin-dependent diabetes mellitus, bullous pemphigoid, thyroid-related eye disease, urethritis, or any other disease state associated with altered IgG levels.